

PUMP	VERT CF-4 2000
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DATE	Periodic re-testing is carried out annually in January to verify continued compliance
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NOMINAL DATA					
Qmax:	360 m3/h	Hmax:	19 m	Speed:	1450 rpm
Voltage:	400 V	Current:	32 A	Freq:	50 Hz

TESTING CONDITIONS					
Fluid / Density:	Water [0,998 Kg/dm3]	In/Out Diff:	0,92 m	Fluid Temp:	20,4 °C
Suction Size:	DN 150	Drive Size:	DN 125	Ambient Temp:	21,5 °C

PUMP PERFORMANCE TESTING REPORT											
No.	HYDRAULIC TEST						ELECTRIC TEST				
	Flow (m3/h)	In Head (m)	Out Head (m)	Kinetic (m)	Head (m)	Efficiency (%)	Speed (rpm)	Voltage (V)	Amp (A)	Power Factor	Power IN (W)
1	0,00	1,49	20,87	0,00	19,38	0,00	1.461	396	13,36	0,78	7.128
2	33,45	1,23	20,93	0,02	19,72	21,36	1.453	399	15,74	0,77	8.400
3	66,89	0,97	20,75	0,06	19,84	37,67	1.451	397	17,96	0,78	9.583
4	100,34	0,7	20,3	0,14	19,74	50,45	1.445	397	20,01	0,78	10.676
5	133,79	0,44	19,61	0,24	19,41	60,46	1.439	402	21,89	0,77	11.680
6	167,24	0,18	18,65	0,38	18,86	68,10	1.439	403	23,60	0,76	12.594
7	200,68	-0,09	17,45	0,55	18,08	73,54	1.435	396	25,15	0,78	13.419
8	234,13	-0,35	15,99	0,74	17,08	76,84	1.435	398	26,53	0,77	14.155
9	267,58	-0,61	14,28	0,97	15,86	77,97	1.430	400	27,74	0,77	14.802
10	301,03	-0,87	12,31	1,23	14,41	76,82	1.419	397	28,78	0,78	15.359
11	334,47	-1,14	10,09	1,51	12,74	73,23	1.423	402	29,66	0,77	15.827
12	367,92	-1,4	7,62	1,83	10,85	66,97	1.412	402	30,37	0,77	16.206

